

**Amendments to the Claims:**

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1-3. (Cancelled)

4. (Currently Amended) An A system including an internal combustion engine  
comprising:

a regenerator that accumulates heat from a heat medium and transfers heat to  
the heat medium;

a circulation system that circulates at the heat medium;

a heat medium supply device, provided in line with the circulation system, that  
supplies the heat medium including heat accumulated by the regenerator through the heat  
medium in to the circulation system;

a heat exchanger that lowers the temperature of the heat medium; and

a connecting restraint device that restrains circulation of the heat medium into  
the heat exchanger one of (a) when the heat medium is supplied by the heat supply device  
while the internal combustion engine is stopped and or (b) when the internal combustion  
engine is under a cold condition.

5. (Currently Amended) An A system including an internal combustion engine  
according to claim 4, wherein the heat exchanger is a heater for a vehicle compartment.

6. (Currently Amended) An A system including an internal combustion engine  
according to claim 4, wherein the connecting restraint device is a thermostat which opens  
when the temperature is equal to or more than a predetermined temperature and thereby  
performs the restraint of the circulation of the heat medium into the heat exchanger.

7. (Currently Amended) An internal combustion engine according to claim 4, A system including an internal combustion engine comprising:

a regenerator that accumulates heat from a heat medium and transfers heat to the heat medium;

a circulation system that circulates the heat medium;

a heat medium supply device, provided in line with the circulation system, that supplies the heat medium including heat accumulated by the regenerator to the circulation system;

a heat exchanger that lowers the temperature of the heat medium; and

a connecting restraint device that restrains circulation of the heat medium into the heat exchanger (a) when the heat medium is supplied by the heat supply device while the internal combustion engine is stopped and/or (b) when the internal combustion engine is under a cold condition,

wherein the connecting restraint device is includes a pressure-sensing valve, provided in line with the circulation system, which opensoperates according to a differentialdifference in pressure of between the pressures of the heat medium flowing before and after the connecting restraint device and thereby performs the restraint of the circulation of the heat medium into the heat exchanger.

8. (Currently Amended) An internal combustion engine according to claim 4, A system including an internal combustion engine comprising:

a regenerator that accumulates heat from a heat medium and transfers heat to the heat medium;

a circulation system that circulates the heat medium;

a heat medium supply device, provided in line with the circulation system, that supplies the heat medium including heat accumulated by the regenerator to the circulation system;

a heat exchanger that lowers the temperature of the heat medium; and  
a connecting restraint device that restrains circulation of the heat medium into the heat exchanger (a) when the heat medium is supplied by the heat supply device while the internal combustion engine is stopped and/or (b) when the internal combustion engine is under a cold condition,

wherein the connecting restraint device ~~is~~includes a one-way valve, provided in line with the circulation system, which opens when the valve receives pressure in a predetermined direction.

9-10. (Canceled)

11. (Currently Amended) An A system including an internal combustion engine according to claim 16, wherein the connecting restraint device is a thermostat valve which ~~opens~~closes at temperatures no ~~lower~~greater than a predetermined temperature and thereby performs the restraint of the circulation of the heat medium into the heat exchanger.

12. (Currently Amended) An A system including an internal combustion engine according to claim 16, wherein the connecting restraint device ~~is~~includes a pressure-sensing valve, provided in line with the circulation system, which ~~opens~~operates according to a differential difference in pressure of ~~between~~ the pressures of the heat medium before and after the connecting restraint device and thereby performs the restraint of the circulation of the heat medium into the heat exchanger.

13. (Canceled)

14. (Currently Amended) An A system for an internal combustion engine according to claim 16, wherein the connecting restraint device ~~is a~~includes an electromagnetic opening and closing valve.

15. (Canceled)

16. (Currently Amended) An A system including an internal combustion engine comprising:

a regenerator that accumulates heat from a heat medium and transfers heat to the heat medium;

a circulation system that circulates ~~a~~the heat medium;

a heat medium supply device, provided in line with the circulation system, that supplies the heat medium including heat accumulated by the regenerator through the heat medium into the circulation system;

a bypass channel that connects an inlet side of the internal combustion engine with an outlet side of the internal combustion engine;

a temperature controller that reintroduces the heat medium circulated into the internal combustion engine when the internal combustion engine is under a cold condition through the bypass channel; and

a connecting restraint device that ~~restrains~~is capable of restraining circulation of the heat medium into the bypass channel when the heat is supplied from~~medium~~, including heat accumulated by the regenerator, while is supplied to the internal combustion engine~~the internal combustion engine is stopped~~.

17. (New) A system for an internal combustion engine according to claim 16, further comprising a heat exchanger.

18. (New) A system for an internal combustion engine according to claim 16, wherein the connecting restraint device is capable of restraining circulation of the heat medium into the bypass channel when the internal combustion engine is stopped.

19. (New) A system for an internal combustion engine according to claim 16, further comprising an additional connecting restraint device, wherein the connecting restraint device and the additional connecting restraint device restrain circulation of the heat medium into said regenerator, a heat exchanger, and a radiator when the internal combustion engine is operated under a cold condition.